

## AMENDMENTS TO THE CLAIMS

Kindly cancel claims 58-91, 96-99, 101, and 102 as provided in the following Claims Listing.

### **Claims Listing:**

1-91. (cancelled)

92. (previously presented) A catalytic system comprising:

- as the main catalytic species, a reaction product of:
  - (a) a multi-coordinated metal complex, a salt, a solvate or an enantiomer thereof, said multi-coordinated metal complex comprising (i) at least one multidentate Schiff base ligand comprising an imino group and being coordinated to the metal, in addition to the nitrogen atom of said imino group, through at least one further heteroatom selected from the group consisting of oxygen, sulfur and selenium, and (ii) one or more other ligands, and
  - (b) an acid reacted in a molar ratio above about 1.2 with respect to said multi-coordinated metal complex (a),  
provided that said other ligands (ii) are unable of protonation by said acid and are not selected from the group consisting of amines, phosphines, arsines and stibines; and
- one or more second catalyst components being selected from the group consisting of Lewis acid co-catalysts (b<sub>1</sub>), catalyst activators (b<sub>2</sub>), and initiators having a radically transferable atom or group (b<sub>3</sub>).

93. (previously presented) A catalytic system according to claim 92, wherein the second catalyst component includes a co-catalyst ( $b_1$ ) selected from the group consisting of boron trihalides; phosphorus trihalides; trialkylboron compounds; triarylboron compounds; organoaluminum compounds; magnesium dihalides; aluminum trihalides; tin tetrachloride; titanium or vanadium trihalides or tetrahalides or tetraalkoxides; antimony and bismuth pentahalides.

94. (previously presented) A catalytic system according to claim 92, wherein the second catalyst component includes, as a catalyst activator ( $b_2$ ), a diazo compound.

95. (previously presented) A catalytic system according to claim 92, wherein the second catalyst component includes, as an initiator having a radically transferable atom or group ( $b_3$ ), a compound having the formula  $R_{35}R_{36}R_{37}CX_1$ , wherein:

- $X_1$  is selected from the group consisting of halogen,  $OR_{38}$  (wherein  $R_{38}$  is selected from  $C_{1-20}$  alkyl, polyhalo $C_{1-20}$ alkyl,  $C_{2-20}$  alkynyl (preferably acetylenyl),  $C_{2-20}$  alkenyl (preferably vinyl), phenyl optionally substituted with 1 to 5 halogen atoms or  $C_{1-7}$  alkyl groups and phenyl-substituted  $C_{1-7}$  alkyl),  $SR_{39}$ ,  $OC(=O)R_{39}$ ,  $OP(=O)R_{39}$ ,  $OP(=O)(OR_{39})Z$ ,  $OP(=O)OR_{39}$ ,  $O--N(R_{39})Z$  and  $S--C(=S)N(R_{39})_2$ , wherein  $R_{39}$  is aryl or  $C_{1-20}$  alkyl, or where an  $N(R_{39})_2$  group is present, the two  $R_{39}$  groups may be joined to form a 5-, 6- or 7-membered heterocyclic ring (in accordance with the definition of heteroaryl above), and
- $R_{35}$ ,  $R_{36}$  and  $R_{37}$  are each independently selected from the group consisting of hydrogen, halogen,  $C_{1-20}$  alkyl (preferably  $C_{1-6}$  alkyl),  $C_{3-8}$  cycloalkyl,  $C(=O)R_{40}$ , (wherein  $R_{40}$  is selected from the group consisting of  $C_{1-20}$  alkyl,  $C_{1-20}$  alkoxy, aryloxy or heteroaryloxy),  $C(=O)NR_{41}R_{42}$  (wherein  $R_{41}$ , and  $R_{42}$  are independently selected

from the group consisting of hydrogen and C<sub>1-20</sub> alkyl or R<sub>41</sub>, and R<sub>42</sub> may be joined together to form an alkylene group of 2 to 5 carbon atoms), COCl, OH, CN, C<sub>2-20</sub> alkenyl (preferably vinyl), C<sub>2-20</sub> alkynyl, oxiranyl, glycidyl, aryl, heteroaryl, arylalkyl and aryl-substituted C<sub>2-20</sub> alkenyl.

96-99. (cancelled)

100. (previously presented) A supported catalyst, comprising:

- (a) a catalytic system according to claim 92, and
- (b) a supporting amount of a carrier suitable for supporting said catalytically active product or catalytic system (a).

101-102. (cancelled)

103. (withdrawn) A method of performing an olefin metathesis reaction in the presence of a catalytic component, wherein the said catalytic component comprises a catalytic system according to claim 92, and wherein the said metathesis reaction is the ring-opening metathesis polymerization of strained cyclic olefins.